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ABSTRACT

The combustible fuel source of the invention includes a body comprising a porous carrier and a solid fuel. When combustion is established the fuel is vaporized and combusted on one or more surfaces of the body. In the internal part of the body the solid fuel vaporized and the vaporized fuel moves through the porous carrier to one or more surfaces of the body wherein it is combusted. A portion of the heat resulting from this combustion maintains the vaporization of the solid fuel for continued combustion. A variety of materials can be used as the porous carrier, including combustible materials such as the paper fibres, cloth, pulp fibres, powdered coal or charcoal and non-combustible materials such as ground pumice, sand or ceramic materials. A variety of solid fuels can be used, including paraffin wax, beeswax or other waxes or wax-like materials derived from animal and/or vegetable processing. The body can be shaped into preselected shapes according to an intended use and/or can be placed into stoves or other heating devices as a fuel source.